

Annex A201 – Calibration Data

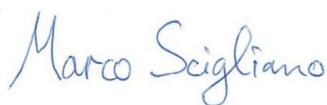
No. 1-2351-26-01-02_TR1-A201-R01

August 14, 2026

Description

Detailed mmWAVE System calibration data

This test report is electronically signed and valid without handwritten signature.
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authorized by

Marco Scigliano

Testing Manager

Regulatory Services Radio

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1 Calibration report "EUmmWV4 – SN: 9951"

Calibration Laboratory of
Schmid & Partner
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



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 Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **Cetecom Advanced**
 Saarbrücken, Germany

Certificate No. **EUmm-9551_Jul25**

CALIBRATION CERTIFICATE

Object **EUmmWV4 - SN:9551**

Calibration procedure(s) **QA CAL-02.v9, QA CAL-25.v8, QA CAL-42.v3**
 Calibration procedure for E-field probes optimized for close near field
 evaluations in air

Calibration date **July 08, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
 The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.
 All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.
 Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Calibration Date (Certificate No.)	Sched. Cal.
Power sensor R&S NRP-33T	SN: 100967	26-Mar-25 (No. 217-04290)	Mar-26
Power sensor R&S NRP110T	SN: 101244	24-Mar-25 (No. 1020A300786765)	Mar-26
Spectrum analyzer FSV40	SN: 101832	29-Jan-25 (No. 4030A315009658)	Jan-26
Harmonic Mixer R&S FS-Z75	SN: 101566	20-Mar-25 (No. 1020A300786766)	Mar-26
Harmonic Mixer R&S FS-Z110	SN: 101633	21-Mar-25 (No. 1020A300786769)	Mar-26
Ref. Probe EUmmWV3	SN: 9374	28-Aug-24 (No. EUmm-9374_Aug24)	Aug-25
DAE4ip	SN: 1662	05-Nov-24 (No. DAE4ip-1662_Nov24)	Nov-25

Secondary Standards	ID	Check Date (in house)	Sched. Check
Signal Generator Anapico APSIN26G	SN: 2023	30-Nov-21 (in house check Jul-25)	In house check: Jul-26
Power sensor R&S NRP40T	SN: 101439	08-Nov-21 (in house check Jul-25)	In house check: Jul-26
Power sensor R&S NRP110T	SN: 101226	15-Nov-21 (in house check Jul-25)	In house check: Jul-26

	Name	Function	Signature
Calibrated by	Leif Klysnar	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
Issued: July 9, 2025			
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Certificate No: EUmm-9551_Jul25

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Glossary

NORM _{x,y}	sensitivity in free space
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system
Sensor Angles	sensor deviation from the probe axis, used to calculate the field orientation and polarization
$\vec{k}$	is the wave propagation direction

Calibration is Performed According to the Following Standards:

- IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", December 2005

Methods Applied and Interpretation of Parameters:

- NORM_{x,y}**: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- DCP_{x,y}**: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
Note: As the field is measured with a diode detector sensor, it is warranted that the probe response is linear (E^2) below the documented lowest calibrated value.
- PAR**: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p , inductance L and capacitors C, C_p).
- A_{x,y}; B_{x,y}; C_{x,y}; D_{x,y}; VR_{x,y}**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM_x (no uncertainty required).
- Equivalent Sensor Angle**: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORM_x (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy)**: in a locally homogeneous field realized using an open waveguide / horn setup.

Parameters of Probe: EUmWV4 - SN:9551

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc (k = 2)
Norm ($\mu\text{V}/(\text{V}/\text{m})^2$)	0.01909	0.02098	$\pm 10.1\%$
DCP (mV) ^B	105.0	105.0	$\pm 4.7\%$
Equivalent Sensor Angle	-61.9	34.9	

Calibration Results for Frequency Response (750 MHz – 110 GHz)

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k = 2) dB
0.75	77.2	-0.22	-0.31	± 0.43
1.8	140.4	-0.02	-0.05	± 0.43
2.0	133.0	0.12	0.13	± 0.43
2.2	124.8	-0.06	-0.04	± 0.43
2.5	123.0	0.08	0.15	± 0.43
3.5	256.2	-0.12	-0.09	± 0.43
3.7	249.8	-0.00	-0.00	± 0.43
6.6	63.4	0.01	-0.38	± 0.98
8.0	58.3	-0.09	-0.14	± 0.98
10.0	57.7	-0.02	0.04	± 0.98
15.0	45.4	0.12	0.17	± 0.98
26.6	115.1	0.23	0.21	± 0.98
30.0	125.1	0.01	-0.00	± 0.98
35.0	123.5	-0.19	-0.16	± 0.98
40.0	101.8	-0.30	-0.27	± 0.98
50.0	60.8	0.11	0.02	± 0.98
55.0	73.7	-0.05	-0.06	± 0.98
60.0	76.4	0.00	0.02	± 0.98
65.0	72.0	0.17	0.17	± 0.98
70.0	68.5	0.15	0.11	± 0.98
75.0	67.9	-0.04	-0.07	± 0.98
75.0	89.9	-0.05	-0.07	± 0.98
80.0	88.2	-0.16	-0.12	± 0.98
85.0	54.3	-0.05	-0.06	± 0.98
90.0	80.6	0.02	0.02	± 0.98
92.0	80.8	0.02	0.03	± 0.98
95.0	73.2	-0.03	-0.02	± 0.98
97.0	65.9	-0.00	-0.03	± 0.98
100.0	63.4	0.04	0.07	± 0.98
105.0	63.2	-0.17	-0.12	± 0.98
110.0	72.1	0.10	0.03	± 0.98

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

^B Linearization parameter uncertainty for maximum specified field strength.

Parameters of Probe: EUmmWV4 - SN:9551

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB/√μV	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	136.3	±3.0%	±4.7%
		Y	0.00	0.00	1.00		68.7		
10352	Pulse Waveform (200Hz, 10%)	X	2.03	60.00	14.54	10.00	6.0	±3.4%	±9.6%
		Y	1.75	60.00	15.27		6.0		
10353	Pulse Waveform (200Hz, 20%)	X	1.42	60.00	13.38	6.99	12.0	±1.1%	±9.6%
		Y	6.00	76.00	19.00		12.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.87	60.00	12.10	3.98	23.0	±1.4%	±9.6%
		Y	0.72	60.00	13.21		23.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.53	60.00	11.48	2.22	27.0	±1.0%	±9.6%
		Y	0.51	60.00	12.15		27.0		
10387	QPSK Waveform, 1 MHz	X	1.20	60.00	12.07	1.00	22.0	±2.1%	±9.6%
		Y	1.15	60.00	12.01		22.0		
10388	QPSK Waveform, 10 MHz	X	1.29	60.00	11.91	0.00	22.0	±0.8%	±9.6%
		Y	1.36	60.00	11.97		22.0		
10396	64-QAM Waveform, 100 kHz	X	2.30	61.27	14.04	3.01	17.0	±1.2%	±9.6%
		Y	3.82	67.44	16.76		17.0		
10399	64-QAM Waveform, 40 MHz	X	2.10	60.00	12.38	0.00	19.0	±1.5%	±9.6%
		Y	2.10	60.00	12.55		19.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.23	60.00	12.80	0.00	12.0	±2.5%	±9.6%
		Y	3.12	60.00	13.00		12.0		

Note: For details on UID parameters see Appendix

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Parameters of Probe: EUmWV4 - SN:9551

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k = 2) dB
0.9	50.0	-0.06	0.13	±0.2
0.9	100.0	-0.02	0.08	±0.2
0.9	500.0	0.02	0.03	±0.2
0.9	1000.0	0.04	0.05	±0.2
0.9	1500.0	0.04	0.06	±0.2
0.9	2100.0	0.03	0.05	±0.2

Sensor Frequency Model Parameters (750 MHz – 55 GHz)

	Sensor X	Sensor Y
R (Ω)	64.52	115.26
R _p (Ω)	88.75	151.27
L (nH)	0.06207	0.09738
C (pF)	0.2453	0.1950
C _p (pF)	0.0983	0.0613

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

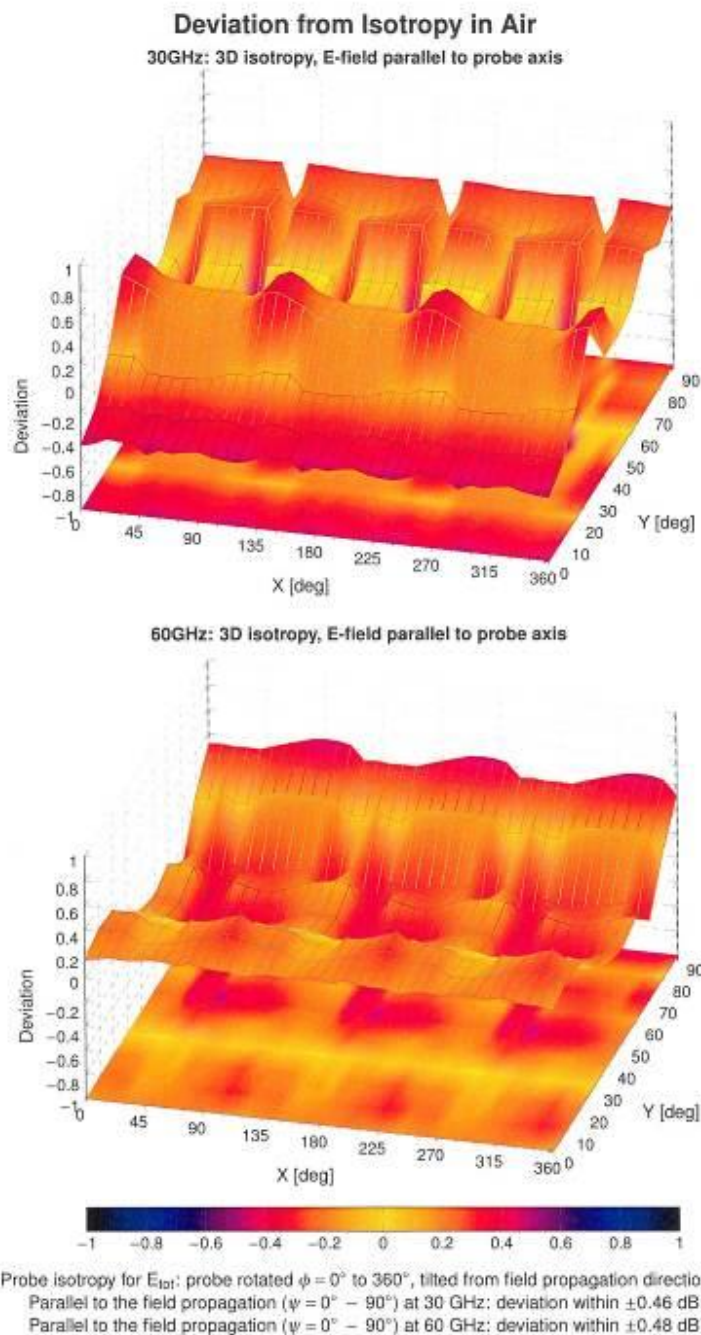
	Sensor X	Sensor Y
R (Ω)	40.05	28.87
R _p (Ω)	230.84	159.26
L (nH)	0.13058	0.08989
C (pF)	0.0315	0.0476
C _p (pF)	0.0402	0.0558

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
x	56.9	355.10	33.17	2.66	4.27	5.00	0.00	1.39	1.01
y	46.9	292.76	33.27	0.92	3.99	5.02	0.00	1.60	1.01

Other Probe Parameters

Sensor Arrangement	Rectangular
Connector Angle	55.5°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm



2 Calibration certificate of Data Acquisition Unit (DAE) – SN: 1842

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Accreditation No.: **SCS 0108**

Client **Cetecom Advanced**
Saarbrücken - Germany

Certificate No: **DAE4ip-1842_Nov25**

CALIBRATION CERTIFICATE

Object DAE4ip - SD 000 D14 AG - SN: 1842

Calibration procedure(s) QA CAL-06.v30
Calibration procedure for the data acquisition electronics (DAE)

Calibration date: November 12, 2025

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	15-Aug-25 (No.43873)	Aug-26
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Auto DAE Calibration Unit	SE UWS 053 AA 1001	23-Jan-25 (in house check)	In house check: Jan-26
Calibrator Box V2.1	SE UMS 005 AA 1002	23-Jan-25 (in house check)	In house check: Jan-26

Calibrated by: Name: Timo Rott, Function: Laboratory Technician, Signature: 

Approved by: Sven Kühn, Technical Manager, Signature: 

Issued: November 12, 2025

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Certificate No: DAE4ip-1842_Nov25

Page 1 of 5

3 Calibration report "HG10GV2 – SN: 1079"

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Accreditation No.: **SCS 0108**

Client **Cetecom Advanced**
 Saarbrücken, Germany

Certificate No. **H10GV2-1079_Nov25**

CALIBRATION CERTIFICATE

Object **H10GV2- SN: 1079**

Calibration procedure(s) **QA CAL-45.v6**
 Calibration procedure for sources in air > 6 GHz

Calibration date **November 5, 2025**

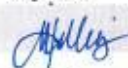
This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
 The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Reference Probe EUMMWV3	SN: 9374	26-Aug-25 (No. Eumm_9374_Aug25)	Aug-26
DAE4ip	SN: 1602	30-Oct-25 (No. DAE4ip-1602_Oct25)	Oct-26

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Signal Generator R&S SMF100A	SN: 100184	26-Nov-24 (No. 5G-Source-Cal-IHC-202411)	Nov-25
Power Sensor R&S NRP18S-10	SN: 101258	26-Nov-24 (No. 5G-Source-Cal-IHC-202411)	Nov-25
Network Analyzer Keysight E5063A	SN: MY54504221	30-Sept-24 (No. 675-CAL18-S4489-Sep24)	Sep-26

	Name	Function	Signature
Calibrated by	Joanna Llesha	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			Issued: November 5, 2025

Certificate No: H10GV2-1079_Nov25

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Accreditation No.: **SCS 0108**

Glossary

CW Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

- *Coordinate System:* z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions:* (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. The forward power is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by far-field measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- *Horn Positioning:* The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E-field distribution:* The E-field is measured in two x-y-planes (10mm, 10mm + $\lambda/4$) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- *Field polarization:* Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

- Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + $\lambda/4$)	
Frequency	10.0 GHz $\pm$ 10 MHz	

Calibration Parameters, 10 GHz

Circular Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	150	1.27 dB	58.7	54.9	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	150	1.27 dB	58.5, 58.8, 58.9	54.6, 54.9, 55.1	1.28 dB

Square Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	150	1.27 dB	58.7	54.8	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	93.3	150	1.27 dB	58.5, 58.8, 58.9	54.5, 54.8, 55.0	1.28 dB

Max Power Density

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m ²)	Uncertainty (k = 2)
10 mm	93.3	150	1.27 dB	60.0, 60.3, 60.4	1.28 dB

¹ Assessed ohmic and mismatch loss plus numerical offset: 0.30 dB

H10GV2- SN: 1079

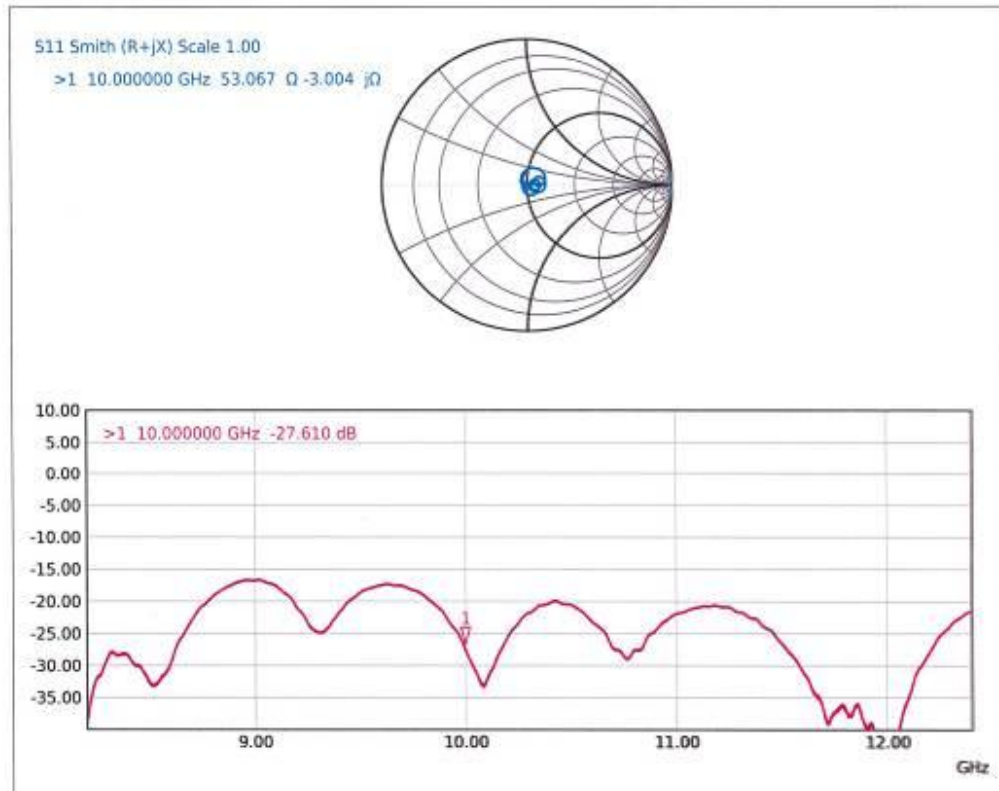
November 5, 2025

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters

Impedance, transformed to feed point	53.1 Ω - 3.0 j Ω
Return Loss	-27.6 dB

Impedance Measurement Plot



H10GV2- SN: 1079

November 5, 2025

DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions (mm)	IMEI	DUT Type
H10GV2- SN: 1079	100.0 x 100.0 x 172.0	SN: 1079	-

Exposure Conditions

Phantom Section	Position, Test Distance (mm)	Band	Group, UID	Frequency (MHz), Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

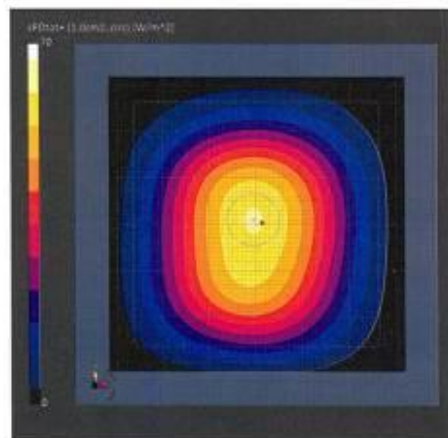
Phantom	Medium	Probe, Calibration Date	DAI, Calibration Date
mmWave Phantom --	Air --	ElimmWV3 - SN9374_F1-55GHz, 2025-08-26	DAE4ip - SN1602, 2025-10-30

Scans Setup

Sensor Surface (mm)	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-11-05
Avg. Area (cm ²)	1.00
Avg. Type	Circular Averaging
psPDm+ [W/m ²]	58.5
psPDtot+ [W/m ²]	58.8
psPDmed+ [W/m ²]	58.9
Max(Sn) [W/m ²]	60.0
Max(Spot) [W/m ²]	60.3
Max(Shot) [W/m ²]	60.4
E _{max} [V/m]	150
Power Drift (dB)	0.02



DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H10GV2- SN: 1079	100.0 x 100.0 x 172.0	SN: 1079	--

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0 --	10000.0, 10000	1.0

Hardware Setup

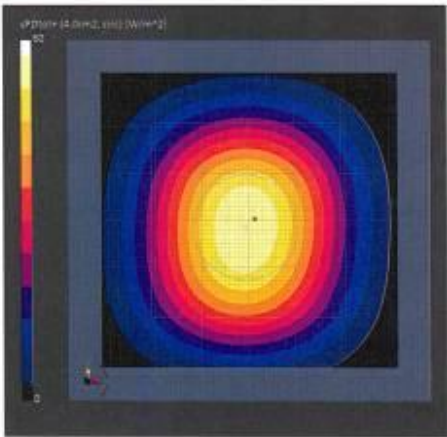
Phantom	Medium	Probe, Calibration Date	OAE, Calibration Date
mmWave Phantom --	Air --	EJmmMW3 -- SN9374_F1--55GHz, 2025-08-26	OAE4ip -- SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-11-05
Avg. Area [cm ²]	4.00
Avg. Type	Circular Averaging
psPDn+ [W/m ²]	54.6
psPDtot+ [W/m ²]	54.9
psPDmod+ [W/m ²]	55.1
Max(Sn) [W/m ²]	60.0
Max(Stot) [W/m ²]	60.3
Max(Sstoi) [W/m ²]	60.4
E _{max} [V/m]	150
Power Drift [dB]	0.02



H10GV2- SN: 1079

November 5, 2025

DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H10GV2- SN: 1079	100.0 x 100.0 x 172.0	SN: 1079	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

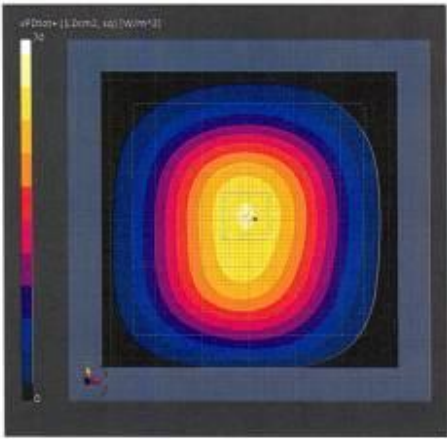
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	EUMMWV3 - SN9374_F1-SSCPr, 2025-08-26	DAE4ip - SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-11-05
Avg. Area [cm ²]	1.00
Avg. Type	Square Averaging
psPDn+ [W/m ²]	58.5
psPDtot+ [W/m ²]	58.8
psPDmod+ [W/m ²]	58.9
Max(Sn) [W/m ²]	60.0
Max(Stot) [W/m ²]	60.3
Max(StotI) [W/m ²]	60.4
E _{max} [V/m]	150
Power Drift [dB]	0.02



H10GV2- SN: 1079

November 5, 2025

DASY Report

Measurement Report for 5G Verification Source 10 GHz, UID 0 --, Channel 10000.0 (10000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H10GV2- SN: 1079	100.0 x 100.0 x 172.0	SN: 1079	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	10.0 mm	Validation band	CW, 0--	10000.0,10000	1.0

Hardware Setup

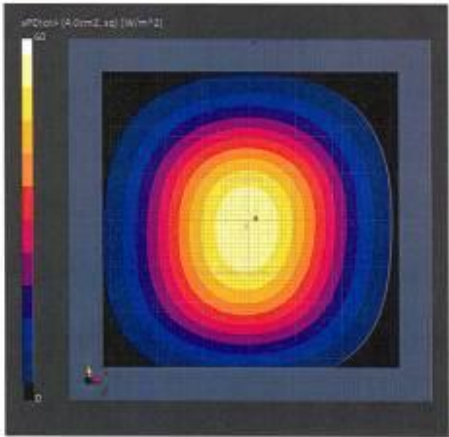
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom -	Air --	EUmmWV3 - SN0374_F1-55GHz, 2025-08-26	DAE4ip - SN1602, 2025-10-30

Scans Setup

Sensor Surface [mm]	10.0
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-11-05
Avg. Area [cm ²]	4.00
Avg. Type	Square Averaging
psPDn+ [W/m ²]	54.5
psPDtot+ [W/m ²]	54.8
psPDmod+ [W/m ²]	55.0
Max(Sn) [W/m ²]	60.0
Max(Stot) [W/m ²]	60.3
Max(Stot) [W/m ²]	60.4
E _{max} [V/m]	150
Power Drift [dB]	0.02



4 Calibration report "H60GV2 – SN: 1072"

Calibration Laboratory of
Schmid & Partner
Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client **Cetecom Advanced**
Saarbrücken, Germany

Certificate No. **H60GV2-1072_Jul25**

CALIBRATION CERTIFICATE

Object **H60GV2 - SN: 1072**

Calibration procedure(s) **QA CAL-45.v5**
Calibration procedure for sources in air > 6 GHz

Calibration date **July 4, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Reference Probe SPEAG EUMmWV3	SN: 9374	28-Aug-24 (No. Eumim_9374_Aug24)	Aug-25
DAE4ip	SN: 1602	06-Nov-24 (No. DAE4ip-1602_Nov24)	Nov-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
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	Name	Function	Signature
Calibrated by	Leif Klysner	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			
Issued: July 4, 2025			

Certificate No: H60GV2-1072_Jul25

Page 1 of 7

**Calibration Laboratory of
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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Glossary

CW Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

- *Coordinate System:* z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions:* (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. The forward power is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by far-field measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- *Horn Positioning:* The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUmmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E-field distribution:* The E-field is measured in two x-y-planes (10mm, 10mm + $\lambda/4$) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- *Field polarization:* Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

- Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + $\lambda/4$)	
Frequency	60.0 GHz $\pm$ 10 MHz	

Calibration Parameters, 60 GHz

Circular Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	39.8	249	1.27 dB	123	81.0	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	39.8	249	1.27 dB	121, 123, 124	79.8, 81.3, 81.7	1.28 dB

Square Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	39.8	249	1.27 dB	124	80.2	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	39.8	249	1.27 dB	123, 125, 125	79.0, 80.6, 81.0	1.28 dB

Max Power Density

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m ²)	Uncertainty (k = 2)
10 mm	39.8	249	1.27 dB	159, 161, 161	1.28 dB

¹ Derived from far-field data

DASY Report

Measurement Report for 5G Verification Source 60 GHz, UID 0 -, Channel 60000.0 (60000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H60GV2	100.0 x 100.0 x 100.0	SN: 1072	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
SG -	5.55 mm	Validation band	CW, 0+-	60000.0, 60000	1.0

Hardware Setup

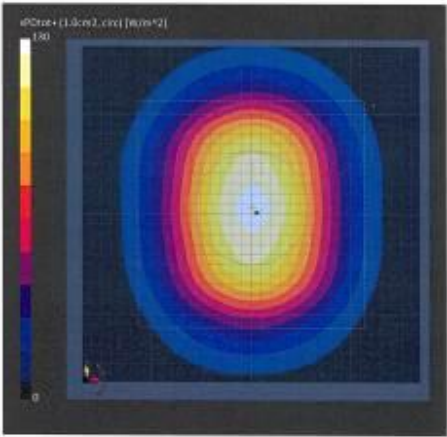
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom -	Air -	ElmestWV3 - SN9374_F55-110GHz, 2024-08-28	DAE4ip - SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	1.00
Avg. Type	Circular Averaging
psPDm+ [W/m ²]	121
psPDtot+ [W/m ²]	123
psPDmod+ [W/m ²]	124
MaxSst1 [W/m ²]	159
MaxSst2 [W/m ²]	161
Max(Sst1) [W/m ²]	161
E _{99.95} [V/m]	249
Power Drift [dB]	0.04



H60GV2 - SN: 1072

July 4, 2025

DASY Report

Measurement Report for 5G Verification Source 60 GHz, UID 0 --, Channel 60000.0 (60000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H60GV2	100.0 x 100.0 x 100.0	SN: 1072	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	5.55 mm	Validation band	CW, 0--	60000.0,60000	1.0

Hardware Setup

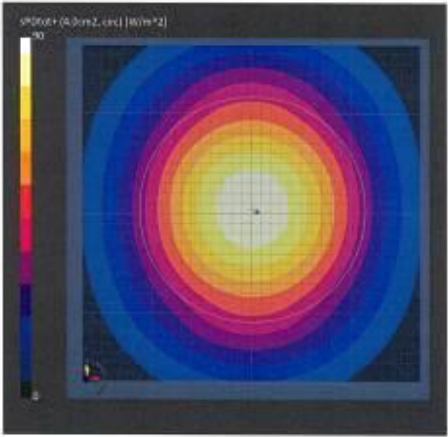
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	ElimmWV3 - SN9374_F55-110GHz, 2024-08-28	DAE4ip - SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	4.00
Avg. Type	Circular Averaging
psPDn+ [W/m ²]	79.8
psPDtot+ [W/m ²]	81.3
piPDmod+ [W/m ²]	81.7
Max(SA) [W/m ²]	159
Max(Slot) [W/m ²]	161
Max(Slot) [W/m ²]	161
E _{max} [V/m]	249
Power Drift [dB]	0.04



H60GV2 - SN: 1072

July 4, 2025

DASY Report

Measurement Report for 5G Verification Source 60 GHz, UID 0 --, Channel 60000.0 (60000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions (mm)	IMEI	DUT Type
H60GV2	100.0 x 100.0 x 100.0	SN: 1072	-

Exposure Conditions

Phantom Section	Position, Test Distance (mm)	Band	Group, UID	Frequency (MHz), Channel Number	Conversion Factor
SG --	5.55 mm	Validation band	CW, 0 --	60000.0,60000	1.0

Hardware Setup

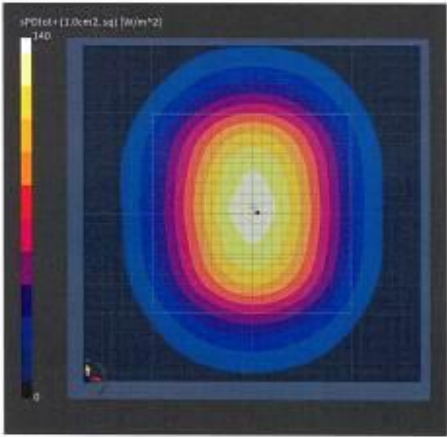
Phantom	Medium	Probe, Calibration Date	OAE, Calibration Date
mmWave Phantom --	Air --	EummiWV3 - SN9374, F55-110GHz, 2024-08-28	OAE4ip - SN1602, 2024-11-08

Scans Setup

Sensor Surface (mm)	5.55
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area (cm ²)	1.60
Avg. Type	Square Averaging
psPCn+ [W/m ²]	123
psPDtot+ [W/m ²]	125
psPDmod+ [W/m ²]	125
Max(Sn) [W/m ²]	159
Max(Stot) [W/m ²]	161
Max(Stot) [W/m ²]	161
F _{pus} [V/m]	249
Power Dens (dBr)	0.04



DASY Report

Measurement Report for 5G Verification Source 60 GHz, UID 0 -, Channel 60000.0 (60000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H60GV2	100.0 x 100.0 x 100.0	SN: 1072	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW, 0--	60000.0,60000	1.0

Hardware Setup

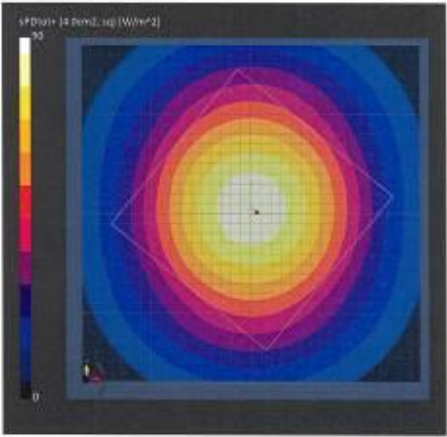
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom -	Air -	ElmWW3 - SN9374_F55 - 110GHz, 2024-08-28	DAE4p - SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
MMA	MMA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	4.00
Avg. Type	Square Averaging
psPDn+ [W/m ²]	79.0
psPDtot+ [W/m ²]	80.6
psPDmod+ [W/m ²]	81.0
Max(Sn) [W/m ²]	159
Max(Stot) [W/m ²]	161
Max(S tot) [W/m ²]	161
E _{rmax} [V/m]	249
Power Drift [dB]	0.04



5 Calibration report “H90GV2 – SN: 1023”

Calibration Laboratory of
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Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Client

Cetecom Advanced
Saarbrücken, Germany

Certificate No.

H90GV2-1023_Jul25

CALIBRATION CERTIFICATE

Object **H90GV2 - SN: 1023**

Calibration procedure(s) **QA CAL-45.v5**
Calibration procedure for sources in air > 6 GHz

Calibration date **July 4, 2025**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Reference Probe SPEAG EUMmWV3	SN: 9374	28-Aug-24 (No. Eumm_9374_Aug24)	Aug-25
DAE4ip	SN: 1602	06-Nov-24 (No. DAE4ip-1602_Nov24)	Nov-25
Secondary Standards	ID	Check Date (in house)	Scheduled Check

	Name	Function	Signature
Calibrated by	Leif Klysner	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			
Issued: July 4, 2025			

Certificate No: H90GV2-1023_Jul25

Page 1 of 7

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The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 0108**

Glossary

CW Continuous wave

Calibration is Performed According to the Following Standards

- Internal procedure QA CAL-45, Calibration procedure for sources in air above 6 GHz.
- IEC/IEEE 63195-1, "Assessment of power density of human exposure to radio frequency fields from wireless devices in close proximity to the head and body (frequency range of 6 GHz to 300 GHz)", May 2022

Methods Applied and Interpretation of Parameters

- *Coordinate System:* z-axis in the waveguide horn boresight, x-axis is in the direction of the E-field, y-axis normal to the others in the field scanning plane parallel to the horn flare and horn flange.
- *Measurement Conditions:* (1) 10 GHz: The radiated power is the forward power to the horn antenna minus ohmic and mismatch loss. The forward power is measured prior and after the measurement with a power sensor. During the measurements, the horn is directly connected to the cable and the antenna ohmic and mismatch losses are determined by far-field measurements. (2) 30, 45, 60 and 90 GHz: The verification sources are switched on for at least 30 minutes. Absorbers are used around the probe cub and at the ceiling to minimize reflections.
- *Horn Positioning:* The waveguide horn is mounted vertically on the flange of the waveguide source to allow vertical positioning of the EUMmW probe during the scan. The plane is parallel to the phantom surface. Probe distance is verified using mechanical gauges positioned on the flare of the horn.
- *E-field distribution:* The E-field is measured in two x-y-planes (10mm, 10mm + $\lambda/4$) with a vectorial E-field probe. The E-field value stated as calibration value represents the E-field-maxima and the averaged (1cm² and 4cm²) power density values at 10mm in front of the horn.
- *Field polarization:* Above the open horn, linear polarization of the field is expected. This is verified graphically in the field representation.

Calibrated Quantity

- Local peak E-field (V/m) and average of peak spatial components of the poynting vector (W/m²) averaged over the surface area of 1 cm² and 4cm² at the nominal operational frequency of the verification source. Both square and circular averaging results are listed.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY8 Module mmWave	V3.2
Phantom	5G Phantom	
Distance Horn Aperture - plane	10 mm	
Number of measured planes	2 (10mm, 10mm + $\lambda/4$)	
Frequency	90.0 GHz $\pm$ 10 MHz	

Calibration Parameters, 90 GHz

Circular Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	49.0	369	1.27 dB	249	108	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	49.0	369	1.27 dB	248, 250, 251	107, 109, 110	1.28 dB

Square Averaging

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Avg Power Density Avg (psPDn+, psPDtot+, psPDmod+) (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	49.0	369	1.27 dB	252	108	1.28 dB

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Power Density psPDn+, psPDtot+, psPDmod+ (W/m ²)		Uncertainty (k = 2)
				1cm ²	4cm ²	
10 mm	49.0	369	1.27 dB	250, 252, 253	107, 109, 110	1.28 dB

Max Power Density

Distance Horn Aperture to Measurement Plane	Prad ¹ (mW)	Max E-field (V/m)	Uncertainty (k = 2)	Max Power Density Sn, Stot, Stot (W/m ²)	Uncertainty (k = 2)
10 mm	49.0	369	1.27 dB	356, 358, 358	1.28 dB

¹ Derived from far-field data

H90GV2 - SN: 1023

July 4, 2025

DASY Report

Measurement Report for 5G Verification Source 90 GHz, UID 0 --, Channel 90000.0 (90000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H90GV2	100.0 x 100.0 x 100.0	SN: 1023	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	5.55 mm	Validation band	CW, 0--	90000.0, 90000	1.0

Hardware Setup

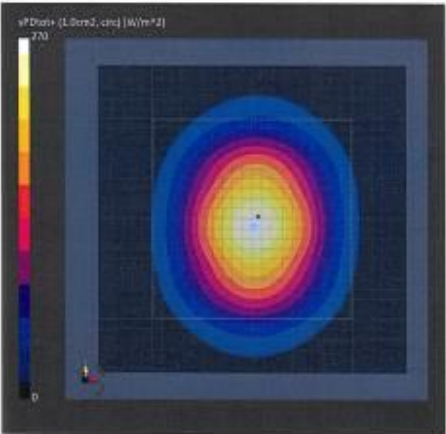
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave Phantom --	Air --	EummiWW3 -- SN9374, FSS-110GHz, 2024-08-28	DAE4ip -- SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	1.00
Avg. Type	Circular Averaging
psPDm+ [W/m ²]	248
psPDtot+ [W/m ²]	250
psPDmod+ [W/m ²]	251
Max(Sa) [W/m ²]	356
Max(Stot) [W/m ²]	358
Max(StotI) [W/m ²]	358
E _{rag} [V/m]	369
Power Drift [dB]	-0.02



DASY Report

Measurement Report for 5G Verification Source 90 GHz, UID 0 --, Channel 90000.0 (90000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H90GV2	100.0 x 100.0 x 100.0	SN: 1023	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G --	5.55 mm	Validation band	CW, 0--	90000.0, 90000	1.0

Hardware Setup

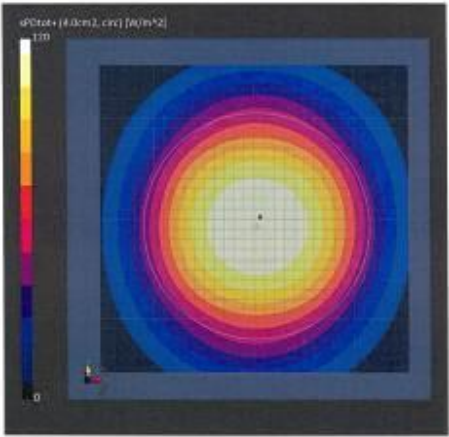
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
milliWave Phantom --	Air --	E1mmWV3 - SN9374.JF55-110GHz, 2024-08-28	DAE6p - SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	4.00
Avg. Type	Circular Averaging
psPDn+ [W/m ²]	107
psPDtot+ [W/m ²]	109
psPDmod+ [W/m ²]	110
Max(Sn) [W/m ²]	356
Max(Stot) [W/m ²]	358
Max(Smod) [W/m ²]	358
E _{max} [V/m]	369
Power Drift [dB]	-0.02



DASY Report

Measurement Report for 5G Verification Source 90 GHz, UID 0 -, Channel 90000.0 (90000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H90GV2	100.0 x 100.0 x 100.0	SN: 1023	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW, 0 -	90000.0,90000	1.0

Hardware Setup

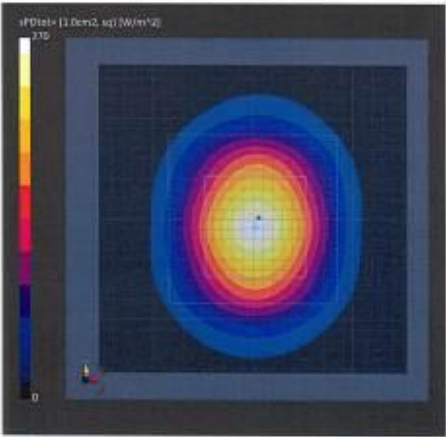
Phantom	Medium	Probe, Calibration Date	DAL, Calibration Date
mmWave Phantom -	Air -	EUMMWV3 - SN9374_F55-110GHz, 2024-08-28	DM64ip - SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
MAIA	MAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	1.00
Avg. Type	Square Averaging
gsPDm+ [W/m ²]	250
gsPDtot+ [W/m ²]	252
gsPDmisd+ [W/m ²]	253
Max(Sn) [W/m ²]	356
Max(Stot) [W/m ²]	358
Max(Stot1) [W/m ²]	358
E _{eqs} [V/m]	369
Power Drift [dB]	-0.02



H90GV2 - SN: 1023

July 4, 2025

DASY Report

Measurement Report for 5G Verification Source 90 GHz, UID 0 -, Channel 90000.0 (90000.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
H90GV2	100.0 x 100.0 x 100.0	SN: 1023	-

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G -	5.55 mm	Validation band	CW, 0-	90000.0, 90000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	OAE, Calibration Date
mmWave Phantom -	Air -	EUmmWV3 - SN9374_F55-110GHz, 2024-08-28	OAE4ip - SN1602, 2024-11-06

Scans Setup

Sensor Surface [mm]	5.55
NAIA	NAIA not used

Measurement Results

Scan Type	5G Scan
Date	2025-07-04
Avg. Area [cm ²]	4.00
Avg. Type	Square Averaging
psPDtot+ [W/m ²]	107
psPDtot- [W/m ²]	109
psPDmod+ [W/m ²]	110
Max(Sri) [W/m ²]	356
Max(Stot) [W/m ²]	358
Max(Stot) [W/m ²]	358
E _{res} [V/m]	369
Power Drift [dB]	-0.02

